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19 July 1972

MEMORANDUM FOR: Chief, Executive and Planning Division

SUBJECT : Agency Annual Report

1. Per your request, attached is a supplement to the Interrogation Research Division Agency Annual Report for FY 1972. [redacted] Chief of the IRD Research Branch, prepared the summary of activities that were carried on in IRD Research during FY 1972. There were no major events in the IRD Research program.

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[redacted] Acting Chief,  
Interrogation Research Division

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Attachment: Supplement to IRD  
Agency Annual Report

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SUBJECT: Supplement to Interrogation Research Division Annual Agency Report FY 1972

1. Work continues on the investigation of examiner consistency and inter-examiner agreement on polygraph chart interpretation and on the development of computer analysis of chart patterns. Collection of live-case data for this use was completed in FY 1972 and a major examiner agreement study was conducted using this data. Results of the agreement study are beginning to come in.

25X1 2. Preliminary evaluations of the utility of a computer-based system have shown mixed results. It has become apparent that the computer system currently being refined can produce an output which correlates well with examiner consensus, and with the completion of the [redacted] it was established that examiners will be influenced by such computer information if it is available to them as an additional parameter. Studies are continuing regarding whether or not a specific computer-based system can be developed which is good enough to provide a practical improvement in IRD operations. The present round of studies in these areas should reach a conclusion early in FY 1973.

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6. It should be noted that IRD Research efforts are generally conducted in coordination with DD/S&T components - in the above cases ORD/MBSD and OSI/LSD.

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